Kirti Ramtani

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EDUCATION

2020 - 2024	BTech in IOT **MITS,Gwalior**	
2018 - 2019	Class 12th CBSE	
2016 - 2017	Class 10th CBSE	

TECHNICAL SKILLS

Programming Language	C,C++,Python
Database System	MySql , Nosql , PostgreSQL
Data Analytics Tools	Power BI , Microsoft Excel, Tableau
Development Tools	LaTeX, VSCode, Jupyter Notebook, Git

WORK EXPERIENCE

Volvo Eicher Commercial Vehicles

July 2024

– Led cost reduction initiatives focused on sourcing and design efficiency improvements through innovative techniques such as static and teardown benchmarking, data analytics, data cleaning, data preprocessing, and report management, including e-auction and supplier VAVE workshops, resulting in a 2-2.5 percent reduction in direct costs.

– CConducted data analysis using SQL to track the timeline of ideas generated for cost reduction.

– Effectively Handeled Project Management Role for implementation and using analytical skills

Data Analyst Intern at Volvo Eicher Commercial Vehicles

Jan - June 2024

– Created Interactive Reports using Power BI to identify trends and insights for Engine Quality Assurance

– Conducted data analysis using SQL to ensure the accuracy and quality of engine performance data.

– Developed Python-based predictive model for engine replacement using Weibull analysis and linear regression.

Data Analyst Intern at RentOp

Aug 2023 -Jan 2024

– Utilized SQL for data querying, manipulation, and cleaning to ensure high-quality datasets.

– Enhanced analytical skills through data preprocessing and data-driven decision-making processes.

– Conducted comprehensive data analysis and visualization using Mixpanel and Metabase to generate insightful sales reports.

Machine Learning Intern at ABV-IIITM, Gwalior

May - June 2023

– Project: Audio signal processing and echo cancellation.

– Objective: Develop Machine Learning Model for echo cancellation in audio signals.

– Techniques: LMS, SRS, GSRS, feature extraction, adaptive filtering.

– Documentation of Research Findings , simulation , results, recommendations.

PROJECTS

Sales Data Analysis Project
– Cleaned and manipulated data using SQL on Azure.
– Conducted EDA with Matplotlib, Pandas, and Seaborn.
– Analyzed customer demographics for targeted marketing.
– Optimized inventory by identifying top-selling products.

Open Courses Registration Website for MITS, Gwalior (Django)
– Developed a Open Course Registeration website Using Django
– It has Two modules Admin and student Module
– Students Can Register and Get Enrolled in different courses and Once the Num of Seats available Reaches its Max seats available THe registeration gets Closed

CERTIFICATIONS

Data Analyst Skill Path: SQL, Excel, python Udemy

ACHIEVEMENTS

ISIE India E-Bike Challenge : Innovation Head   Aug 2021 - Dec 2021
– Virtual round (static) and Main round (Dynamic)